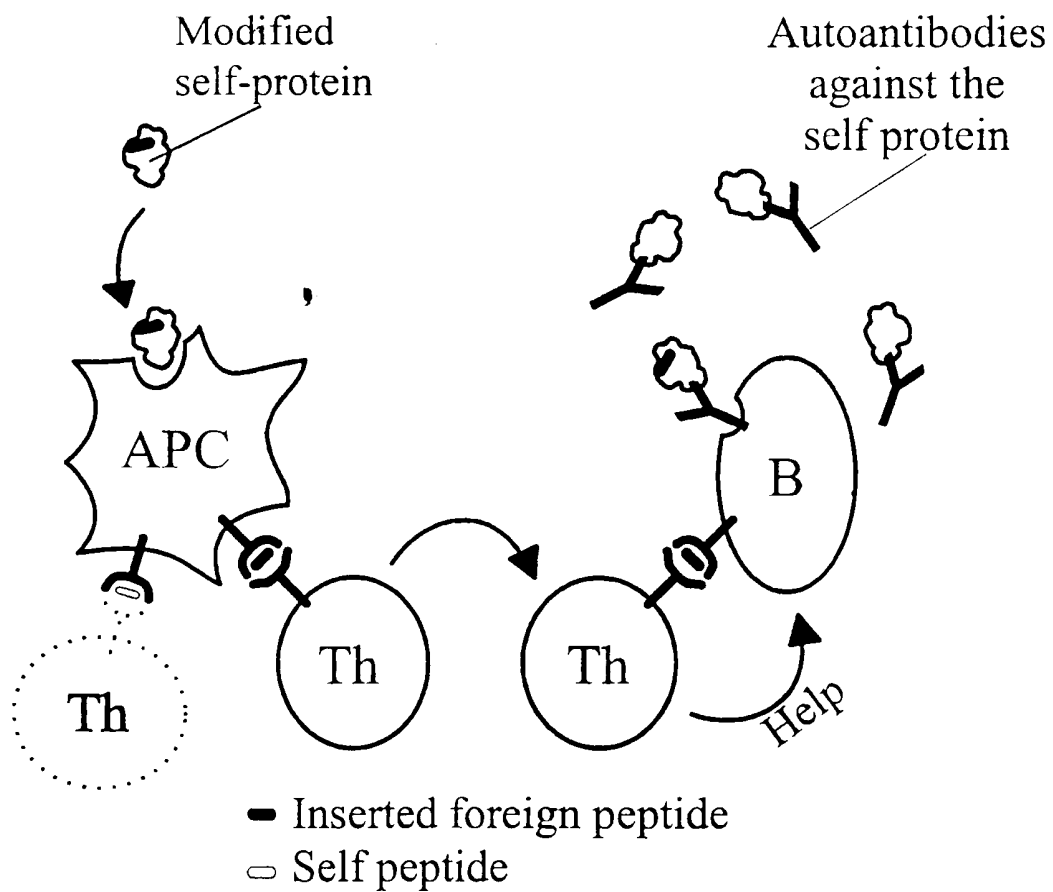


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**Fig. 1**

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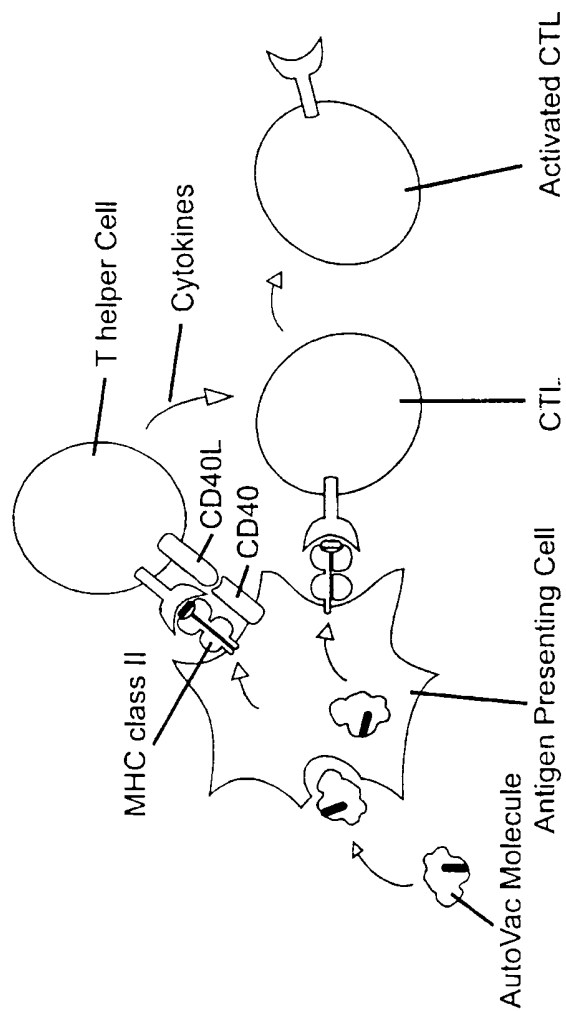


Fig. 2

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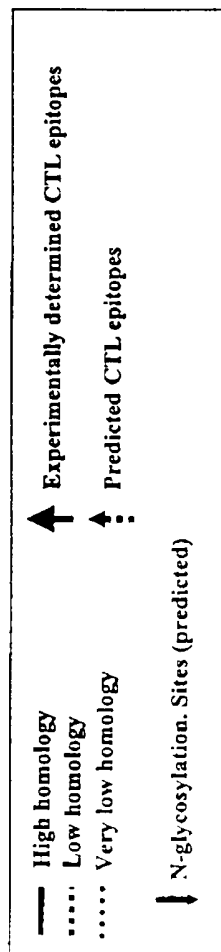
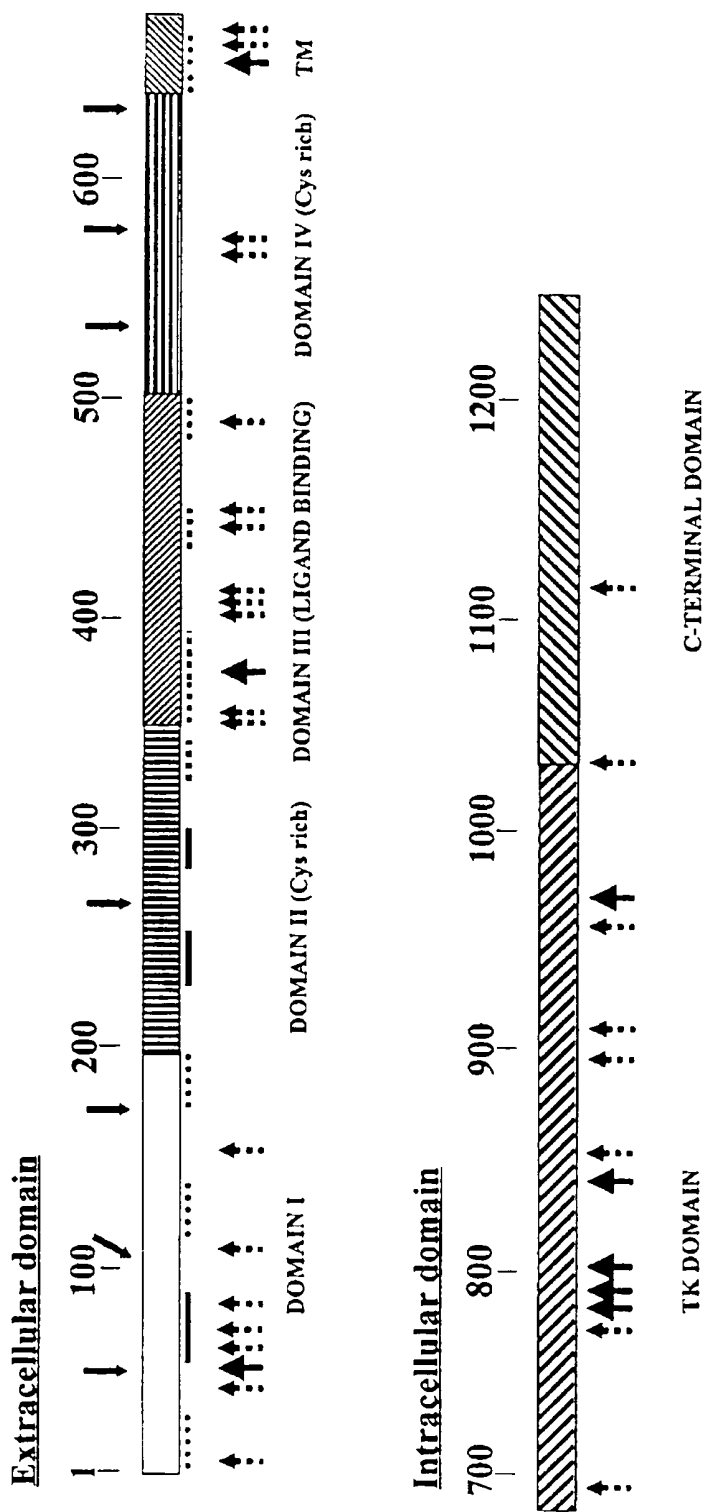


Fig. 3

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Human PSM constructs (schematic representation)

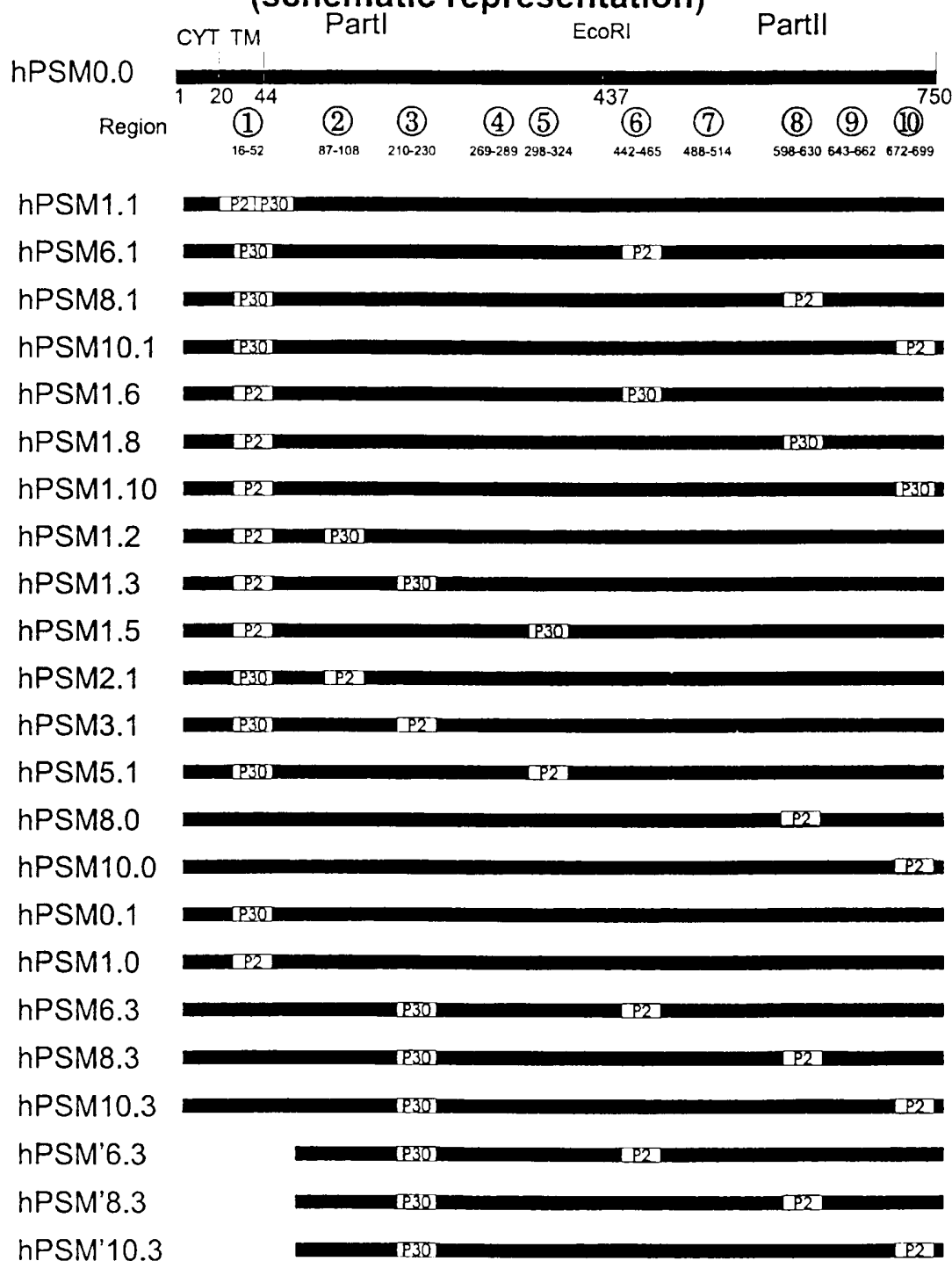


Fig. 4

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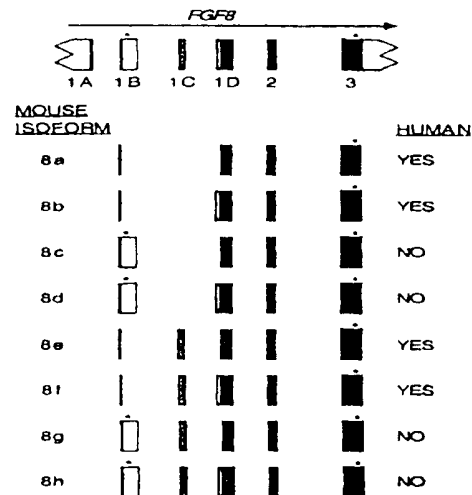
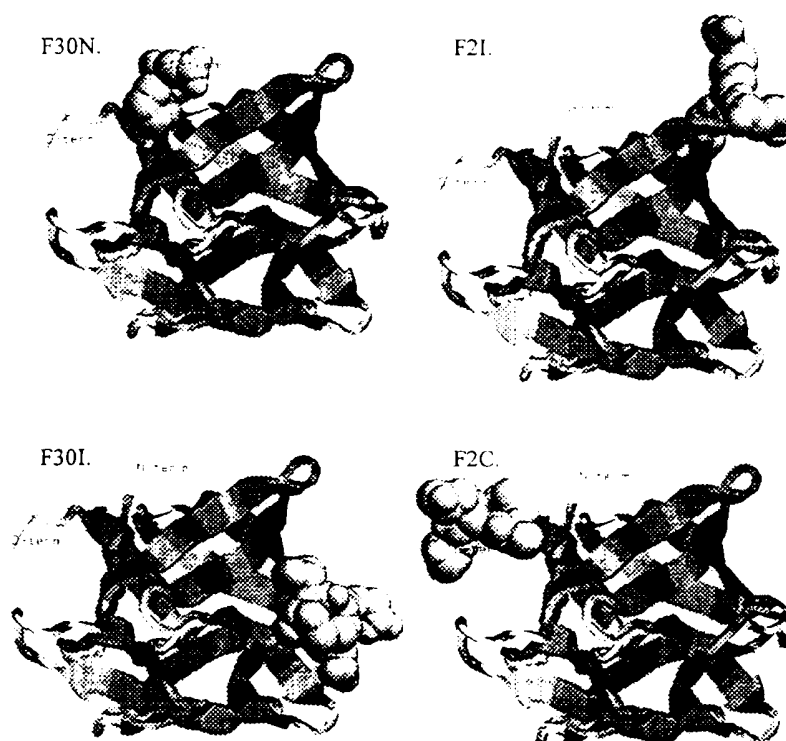


Fig. 5A

FGF8e and -f				FGF8b and -f	
MGSPRSALSC	LLHLLVLCL	QAQEGPGRGP	ALGRELASLF	RAGREPQGV	QQVTVQSSPN
FTQHVREQL	VTDQLSRRL	RTYQLYSRTS	GKHVQVLANK	RINAMAEDGD	PFAKLIVETD
TFGSRVRVRG	AETGLYICMN	KKGKLIASNS	GKGKDCVFTE	IVLENNYTAL	QNAKYEGWYM
AFTRKGRPRK	GSKTRQHORE	VHFMKRLPRG	HHTTEQSLRF	EFLNYPPFTR	SLRGSQRTWA
PEPR					

Fig. 5B

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WT	<u>MGSPRSALSCLLIHLVLCLQAQVTQSSPNFTQHVREQSLVTDQLSRRLIRTYQLYSRTSGKHVQ</u>	66
F30N	MAQVTV <u>FNNFTVSFWLRVPKVSASHLE</u> RRRLIRTYQLYSRTSGKHVQ	46
F2I	MAQVTQSSPNFTQHVREQSLVTDQLSRRLIRTYQLYSRTSGKHVQ	46
F30I	MAQVTQSSPNFTQHVREQSLVTDQLSRRLIRTYQLYSRTSGKHVQ	46
F2C	MAQVTQSSPNFTQHVREQSLVTDQLSRRLIRTYQLYSRTSGKHVQ	46
WT	VLANKRINAMAE ² GDPFAKLIVETDTF	GSRVRVGAETGLYICM ² KKGLIAK 119
F30N	VLANKRINAMAE ² GDPFAKLIVETDTF	GSRVRVGAETGLYICM ² KKGLIAK 99
F2I	VLANKRINAMAE ² GDPFAKLIVETDQYIKANSKE <u>FIGITEL</u>	GSRVRVGAETGLYICM ² KKGLIAK 112
F30I	VLANKRINAMAE ² GDPFAKLIVETDTF	GSRVRVGAETGLYICM ² KKGLIAK 99
F2C	VLANKRINAMAE ² GDPFAKLIVETDTF	GSRVRVGAETGLYICM ² KKGLIAK 99
WT	SNG	KGKDCVFTEIGLENNYTALQNAKYE ² GWMAFTRKGRPRKGSKTQ 167
F30N	SNG	KGKDCVFTEIGLENNYTALQNAKYE ² GWMAFTRKGRPRKGSKTQ 147
F2I	SNG	KGKDCVFTEIGLENNYTALQNAKYE ² GWMAFTRKGRPRKGSKTQ 160
F30I	SNG <u>FNNFTVSFWLRVPKVSASHLE</u> DCVFTEIGLENNYTALQNAKYE ² GWMAFTRKGRPRKGSKTQ	165
F2C	SNG	KGKDCVFTEIGLENNYTALQNAKYE ² GWMAFTRKGRPRKGSKTQ 147
WT	HQREVHFMFPLPPGHHTTEQSLPF ² FEFLNYPFFT	RSLRGSQRTWA PEPP 215
F30N	HQREVHFMFPLPPGHHTTEQSLPF ² FEFLNYPFFT	RSLRGSQRTWA PEPP 195
F2I	HQREVHFMFPLPPGHHTTEQSLPF ² FEFLNYPFFT	RSLRGSQRTWA PEPP 208
F30I	HQREVHFMFPLPPGHHTTEQSLPF ² FEFLNYPFFT	RSLRGSQRTWA PEPP 213
F2C	HQREVHFMFPLPPGHHTTEQSLPF ² FEFLNYPFFTQYIKANSKE <u>FIGITEL</u>	PEPP 199

Fig. 6